ii. Local Operating Costs

(3.7) With reference to the payments to be made by the Government under Article V, paragraph 1(a) to (d) of the Agreement referred to in the preamble to this Plan of Operation, excepting the cost within the country for transportation of project supplies and equipment, which is a counterpart contribution, the Government shall pay to the Special Fund in local currency the equivalent of US$ ....92,000.................... as a contribution towards local operating costs. This amount represents 15 percent of the total estimated cost to Special Fund of foreign project personnel, including cost of foreign personnel of sub-contractors.

(3.8) The contribution towards local operating costs, the equivalent of US$ ...92,000......... shall be deposited by the Government in local currency to the credit of the Special Fund Account No ...9539......... with Pashtany Tejaraty Bank Jade Ansarabi .... *(name of bank)* in Kabul .... *(name of city)* in accordance with the following schedule:

Equivalent of US$ ....27,200..............	on signature of the Plan of Operation
Equivalent of US$ ....19,700..............	on 1 January ..1969..............
Equivalent of US$ ....25,000..............	on 1 January ..1970..............
Equivalent of US$ ....20,100..............	on 1 January ..1971..............
Equivalent of US$ ....n.a.................	on 1 January ..n.a...............
Equivalent of US$ ....n.a.................	on 1 January ..n.a...............
Equivalent of US$ ....n.a.................	on 1 January ..n.a...............
Equivalent of US$ ....n.a.................	on 1 January ..n.a...............
Equivalent of US$ ....n.a.................	on 1 January ..n.a...............

The amount payable in each instalment is determined on the basis of the United Nations operating rate of exchange in effect at the date the payment falls due or at the date payment is made, whichever is later. Payment of the above amounts on or before the dates specified is a prerequisite to operation.

iii. Privileges and Immunities

(3.9) The Executing Agency's contractors and their personnel (except Government nationals employed locally) shall have the right to the following:

a. Immunity from legal process in respect of all acts performed by them in their official capacity in the execution of the project;

b. Immunity from national service obligations;

c. Immunity from immigration restrictions;

d. The privilege of bringing into the country reasonable amounts of foreign currency for the purposes of the project or for personal use of such personnel, and of withdrawing any such amounts brought into the country, or, in accordance with the relevant foreign exchange regulations, such amounts as may be earned therein by such personnel in the execution of the project; and

e. The same repatriation facilities in the event of international crises as diplomatic envoys.

(3.10) All personnel of the Executing Agency's contractors shall enjoy inviolability for all papers and documents relating to the project.

(3.11) The Government shall either exempt from, or bear the cost of, any taxes, duties, fees or levies which it may impose on any foreign firm or organization which may be retained by the Executing Agency and on the foreign personnel of any such firm or organization in respect of:

a. The salaries or wages earned by such personnel in the execution of the project;

b. Any equipment, materials and supplies brought into the country for the purpose of the project or which, after having been brought into the country, may be subsequently withdrawn therefrom; and

c. As in the case of concessions currently granted to the United Nations' experts, any property brought, including one privately-owned automobile per employee, by the firm or organization or its personnel for their personal use or consumption or which, after

having been brought into the country, may subsequently be withdrawn therefrom upon departure of such personnel.

(3.12) The privileges and immunities to which such firm or organization and its personnel may be entitled, referred to in paragraphs .3.9 - 3.11.. of this Plan of Operation may be waived by the Executing Agency where, in its opinion or in the opinion of the Special Fund, the immunity would impede the course of justice and can be waived without prejudice to the successful completion of the project or to the interest of the Special Fund or the Executing Agency.

(3.13) The Executing Agency shall provide the Government with the list of personnel to whom the privileges and immunities enumerated above shall apply.

(3.14) Privileges and immunities of Executing Agency and Special Fund personnel are covered by the Agreement referred to in the preamble to this Plan of Operation.

C. ORGANIZATION

(3.15) Overall responsibility for the organization and execution of the project, including any portion which may be sub-contracted, rests with the Executing Agency which will plan and direct operations through the Project Manager, who, together with the other international experts, will be assigned to the project by the Executing Agency after consultation with the Government.

(3.16) Any sub-contractors employed on the project by the Executing Agency will be selected in accordance with the relevant regulations of the Executing Agency.

(3.17) In the discharge of his duties the Project Manager, after consultation with the Co-Manager, shall:

(a) Be responsible for the detailed planning, administration and execution of the project including timing and budgeting of the various elements and the preparation of technical reports;

(b) Assist in the selection of project counterpart personnel and auxiliary staff, and assist in the selection of candidates for Special Fund fellowships who will normally be chosen from the counterpart project personnel;

(c) Supervise the experts and, in respect to technical matters, the counterpart personnel assigned to the project;

(d) Determine training standards and supervise the local training of counterpart staff;

(e) Be responsible to the Executing Agency for all material, equipment and transport, and the local disbursement of any funds furnished to the project through the Executing Agency;

(f) Control the use of land, buildings, equipment and materials, supplies and other property belonging to the Special Fund and/or the Executing Agency, or assigned to the project by the Government; and

(g) Co-ordinate, as judgment indicates desirable, the efforts of project personnel with that of other agencies and projects whose activities have a bearing on this project.

(3.18) The Government Agency responsible for Government participation in the project shall provide the necessary technical and administrative support to the project and ensur the co-operation of other agencies participating in the project.

(3.19) The Government shall appoint a Project Co-Manager, acceptable to the Executing Agency, who will be assigned full-time to the project. He will co-operate closely with the Project Manager in the administration and execution of the project.

(3.20) In the discharge of his duties, the Co-Manager, after consultation with the Project Manager, shall:

(a) Be responsible for all phases of the Government's participation in the project, including ensuring that Government contributions are made as scheduled, and that buildings, equipment, materials and facilities listed as counterpart contributions in kind in the Plan of Operation are available as needed and in due time;

(b) Submit for appointment or approval by the Government candidates for counterpart and auxiliary staff posts and for fellowships previously agreed with the Project Manager;

(c) Be responsible for the administrative supervision of counterpart professiona and auxiliary personnel assigned to the project;

(d) Assist the Project Manager in co-ordinating project activities with the activities of other Governmental Agencies and projects in fields of work related to the project.

(3.21) The Government shall appoint an Administrative Officer, acceptable to the Executing Agency, who will work under the supervision of the Project Manager and of

the internationally recruited Administrative Officer (if there is one) and in close co-operation with the Co-Manager. The Government Administrative Officer shall be responsible for servicing the project on administrative matters such as accounting, storekeeping, purchase of materials and supplies, maintenance of equipment, payrolls and servicing of the experts. He shall be responsible for the care and maintenance of equipment and supplies and the supervision of administrative personnel. He shall also be responsible, in consultation and co-operation with the Resident Representative of the United Nations Development Programme, for the appropriate registration, licensing, and insurance for the duration of the project of all motor vehicles supplied through the Executing Agency.

(3.22) A ..Co-ordinating.............. Committee, appointed by the Government, shall formed on or before the arrival of the Project Manager, or at least within ..three months after his arrival. Its membership shall include

Government appointees:

The Minister of Agriculture and Irrigation (Chairman)

The President of the Department of Forestry and Range Improvement

A Representative of the Ministry of Planning

A Representative of the Ministry of Interior

A Representative of the Ministry of Law and Justice

Project Co-Manager

Resident Representative of the United Nations Development Programme in ..Kabul.................................., or his representative

FAO Country Representative (if there is one) (n.a.)

Project Manager

Other expert advisers as necessary or desirable.

(3.23) The Chairman of the ..Co-ordinating................. Committee will receive joint reports of the Project Manager and the Project Co-Manager on the progress of the project. In consultation with the members, he shall call meetings of the ....Co-ordinating.............. Committee at suitable intervals; the intervals between meetings of the ....Co-ordinating............... Committee shall not exceed ...three....... months.

(3.24) The ......Co-ordinating........... Committee will advise on: means of relating project operations to the development programme of the country; co-ordinating the activities of the Government services concerned with those of the project team; the necessary steps to ensure that the Government's counterpart contribution, as specified in this Plan of Operation, will be available as needed; informing Government Authorities about the progress of the project; and releasing official information regarding the activities and results of the project.

(3.25) All material and equipment provided for in the Plan of Operation will be used exclusively for execution of the project.

(3.26) All equipment and supplies which are purchased from Special Fund resources remain the property of the Special Fund in whose name it is held by the Executing Agency. This provision shall also apply to equipment, the title to which is temporarily transferred to the country to comply with the legislation of the country or for the convenience of project operations.

(3.27) Equipment which is purchased from Special Fund resources shall be clearly marked with the insignia of the Special Fund and of the Executing Agency.

(3.28) As the project develops, the Project Manager and the international experts will delegate an increasing amount of their responsibilities to the Co-Manager and the respective counterpart staff so that, at the end of the period of Special Fund support, the national project personnel will be competent to ensure the efficient continuation, or follow-up, of project activities.

D. SEQUENCE OF OPERATIONS

(3.29) The Executing Agency shall commence execution of the project upon receipt of writt authorization to do so from the Administrator.

(3.30) Not including the period of active pre-operational planning at the project site by Executing Agency and Government project personnel, field operations are planned to commence ....1 July 1967.................................. and to continue for approximately .....five.......... years thereafter.

(date)

(3.31) The planned Sequence of Operations for the project is set out in some detail in Appendix IV, Schedule of Operations.

IV. BUDGET

(4.1) The estimated cost of the services and facilities to be provided for the project is detailed in the Plans of Expenditure appended to this Plan of Operation. Funds will be provided by the Special Fund and the Government as indicated below:

(a) 1. Allocation by the Special Fund . . . Consisting of:			US$ 1,116,300
Special Fund contribution . . .	US$	1,024,300	
Government contribution towards local operating costs. . . .	US$	92,000	
2. Counterpart contribution in kind by the Government			US$ 501,165
3. Counterpart contribution in cash by the Government			US$ n.a.
(b) 1. Allocation by the Special Fund. . . Consisting of:			US$ n.a.
Special Fund contribution . . .	US$	n.a.	
Government contribution towards local operating costs. . . .	US$	n.a.	
Government counterpart contribution in cash	US$	n.a.	
2. Counterpart contribution in kind by the Government			US$ n.a.

UNITED NATIONS DEVELOPMENT PROGRAMME

(SPECIAL FUND)

PLAN OF OPERATION

Country: **AFGHANISTAN**

Title of Project: **Demonstration and Training in Forest and Range Improvement**

Summary data

Special Fund allocation.			US$ 1,116,300
Consisting of:			
Special Fund contribution	US$	1,024,300	
Government contribution towards local operating costs.	US$	92,000	
Government counterpart contribution in cash	US$	n.a.	
Government counterpart contribution in kind			US$ 501,165
Duration			Five years
Executing Agency			Food and Agriculture Organization of the United Nations
Co-operating Government Agency			Department of Forestry and Range Improvement Ministry of Agriculture and Irrigation

PREAMBLE

For the purpose of .... Demonstration and Training in Forest and Range Improvement .... to be undertaken by the Food and Agriculture Organization of the United Nations, acting as the Executing Agency for the Special Fund, in co-operation with the Government of .... Afghanistan .... This Plan of Operation shall be the Plan of Operation provided for in Article I, paragraph 2, of the Agreement signed on ... 21 February 1960 .... by the Government of .... Afghanistan .... and the Special Fund. It has been established in .... three .... original copies

V. REPORTS

(5.1) The Executing Agency shall submit periodic progress reports to the Special Fund on the implementation of the project. Such reports shall, as appropriate, include an up-to-date Schedule of Operations. The timing and frequency of these reports are determined in operating procedures agreed between the Special Fund and the Executin Agency.

(5.2) The Executing Agency and the Government shall exchange reports, the content and timing of which shall be agreed by correspondence.

(5.3) The Executing Agency will submit to the Government and to the Special Fund, at the end of each year, a financial statement, relating to the cash counterpart contribution described in paragraph ..n.a.........

(5.4) The Executing Agency and the Government shall, at the end of each calendar year, submit to the Special Fund a joint certified inventory of project equipment purchas from the Special Fund allocation and for which title remains with the Special Fun

(5.5) As soon as possible following the conclusion of project operations, and not later than six months from that date, the Executing Agency shall submit a final comprehensive report on the project to the Administrator for presentation to the Government.

VI. CHANGES IN THE PLAN OF OPERATION

(6.1) On the basis of periodic reviews of project activities the three parties to the project shall, as appropriate, confer to determine if any modifications to the Plar of Operation be required. All agreed modifications shall be reflected in Adjustmer or Amendments to the Plan of Operation.

VII. STEPS TO BE TAKEN AT THE COMPLETION OF SPECIAL FUND ASSISTANCE TO THE PROJECT

(7.1) Within three months of receiving the final report, the Government shall submit to the Executing Agency and the Special Fund a report on the benefits derived from the project and the actions planned by the Government to implement the recommendations contained in the final report.

(7.2) At the successful conclusion of the project the Government, the Executing Agency and the Special Fund shall consult with a view to transferring title to the Government, or to an Agency nominated by the Government, (of part or all) of the equipment provided by the Special Fund. Such consultations shall not prejudice the right of the Special Fund to retain title to that part of the equipment which is not needed for the continued operation of the project or for activities following directly therefrom, or which is more urgently needed by other United Nations Development Programme-assisted projects.

Agreed, on behalf of the Parties, by the undersigned:

...Dec. 5,...1967	..5 Dec.....1967	5 Dec.........1967
....	....	....
(Mir Akbar Reza) Government of ...Afghanistan...	(Arsène Shahbaz) United Nations Development Programme (Special Fund)	(S. K. Dey) Food and Agriculture Organization of the United Nations

APPENDIX I

Country: AFGHANISTAN

Title of project: Demonstration and Training in Forest and Range Improvement

PLAN OF EXPENDITURE
SPECIAL FUND ALLOCATION
(In US dollars)

	Total man-months	*Total project costs*	*Estimated cash disbursement* 1967	1968	1969	1970	1971	1972
1. Experts								
Forest Policy and Admin. (Project Manager)	60	118,000	11,800	21,200	23,200	22,200	24,200	15,400
Forest Watershed Management	30	59,000	-	22,200	21,200	15,600	-	-
Range Management	30	59,000	-	22,200	21,200	15,600	-	-
Silviculture and Reforest.	30	59,000	-	22,200	22,400	14,400	-	-
Forest Management	30	59,000	-	-	6,700	21,200	23,200	7,900
Forest Road Engineering	30	59,000	-	-	6,700	21,200	23,200	7,900
Logging and Forest Utiliz.	24	47,200	-	-	11,800	21,200	14,200	-
Administrative Officer	30	45,500	9,400	17,800	18,300	-	-	-
Consultants: Farm Management; Forest transport; Photo interpretation; Rural sociologist; Resource evaluation and planning economist, etc.	48	94,400	-	41,300	-	35,400	17,700	-
Preparatory assistance								
Sub-total	312	600,100	21,200	146,900	131,500	166,800	102,500	31,200

	Total man-months	*Total project costs*	*Estimated cash disbursement*					
			1967	1968	1969	1970	1971	1972
2. Fellowships								
Watershed and Range Management (academic training)	24	9,000	1,500	4,000	3,500	-	-	-
Watershed and Range Management (practical training)	12	5,000	-	-	2,500	2,500	-	-
Silviculture and Re-forestation (academic training)	24	9,000	1,500	4,000	3,500	-	-	-
Silviculture and Re-forestation (practical training)	12	5,000	-	-	2,500	2,500	-	-
Forest Management and Protection (academic training)	24	9,000	1,500	4,000	3,500	-	-	-
Forest Management and Protection (practical training)	12	5,000	-	-	-	2,500	2,500	-
Forest Utilisation (academic training)	24	9,000	1,500	4,000	3,500	-	-	-
Forest Utilization (practical training)	12	5,000	-	-	-	2,500	2,500	-
Sub-total	144	56,000	6,000	16,000	19,000	10,000	5,000	-

APPENDIX I *(continued)*

	Total man-months	Total project costs	Estimated cash disbursement 1967	1968	1969	1970	1971	1972
3. Equipment								
Major items and categories (for detail, see Table n.a.):								
Laboratory equipment		10,000	5,000	5,000	–	–	–	–
Survey equipment		5,000	5,000	–	–	–	–	–
Logging and road construction equipment		150,000	–	100,000	40,000	10,000	–	–
Machinery tools and supplies		60,000	10,000	20,000	15,000	10,000	5,000	–
Office and camping equipment		10,000	2,000	3,000	3,000	1,000	1,000	–
Books and audiovisual equipment		5,000	3,000	–	2,000	–	–	–
Preparation of final report		5,000	–	–	–	–	–	5,000
Vehicles and spare parts		25,000	9,000	10,000	1,500	1,500	2,000	1,000
Sub-total		270,000	34,000	138,000	61,500	22,500	8,000	6,000

	Total project costs	Estimated cash disbursement 1967	1968	1969	1970	1971	1972
4. Sub-contracts							
Preparation of large-scale aerial photography for about 5000 square kilometers	40,000	40,000	-	-	-	-	-
Sub-total	40,000	40,000	-	-	-	-	-
5. Miscellaneous local operating costs							
Secretarial and clerical assistance	23,000	4,000	4,000	4,000	4,000	4,000	3,000
Post and cable	5,000	500	1,000	1,000	1,000	1,000	500
Contingencies	9,400	400	1,000	1,000	2,000	2,000	3,000
Sub-total	37,400	4,900	6,000	6,000	7,000	7,000	6,500
TOTAL GROSS PROJECT COSTS	1,003,500	106,100	306,900	218,000	206,300	122,500	43,700
6. Executing Agency overhead costs	112,800	11,300	22,600	22,600	22,600	22,600	11,100
7. Special Fund direct costs	-	-	-	-	-	-	-
SPECIAL FUND ALLOCATION	1,116,300	117,400	329,500	240,600	228,900	145,100	54,800

Form A

APPENDIX II

Country: AFGHANISTAN
Title of project: Demonstration and Training in Forest and Range Management

PLAN OF EXPENDITURE
GOVERNMENT COUNTERPART CONTRIBUTION

(In Afghanis)
(currency)

(Government's financial year begins 21 March and ends 20 March)

	Total man-months	Total project costs	Estimated cash disbursement 1967	1968	1969	1970	1971	1972
1. Personal services								
a. Professional staff								
Director General of Forests and Range Man. (Co-Manager)	60	164,250	16,425	32,850	32,850	32,850	32,850	16,425
For. Officer (Counterpart to Watershed Man. expert)	60	153,300	15,330	30,660	30,660	30,660	30,660	15,330
For. or Agr. officer (Counterpart to Range Man. expert)	54	137,970	-	30,660	30,660	30,660	30,660	15,330
For. officer (Counterpart to sylviculture and refor. exp.)	60	153,300	15,330	30,660	30,660	30,660	30,660	15,330
For. officer (Counterpart to Forest Management expert)	60	153,300	15,330	30,660	30,660	30,660	30,660	15,330
For. officer or Engineer (Counterpart to For. Road Engineering expert)	33	84,315	-	-	7,665	30,660	30,660	15,330
For. officer (Counterpart to Logging and Utiliz. expert)	60	153,300	15,330	30,660	30,660	30,660	30,660	15,330
Admin. officer (Counterpart to Administrative Officer)	60	144,540	14,454	28,908	28,908	28,908	28,908	14,454
Sub-total	447	1,144,275	92,199	215,058	222,723	245,718	245,718	122,859

APPENDIX II *(continued)*

	Total man-months	Total project costs	Estimated cash disbursement 1967	1968	1969	1970	1971	1972
b. Non-professional staff								
6 Surveyors	216	473,040	-	78,840	157,680	157,680	78,840	-
1 Draftsman	48	105,120	-	13,140	26,280	26,280	26,280	13,140
1 Clerk	60	87,600	8,760	17,520	17,520	17,520	17,520	8,760
Drivers	270	394,200	17,520	70,080	87,600	87,600	87,600	43,800
30 Foremen	1,380	2,014,800	87,600	262,800	350,400	525,600	525,600	262,800
30 Forest Guards	1,800	1,971,000	197,100	394,200	394,200	394,200	394,200	197,100
Labourers	13,300	11,650,800	700,800	1,752,000	2,628,000	2,628,000	2,628,000	1,314,000
Sub-total	17,074	16,696,560	1,011,780	2,588,580	3,661,680	3,836,880	3,758,040	1,839,600
c. 30 Trainees (salaries)	900	1,642,500	-	328,500	328,500	492,750	328,500	164,250
Sub-total	900	1,642,500	-	328,500	328,500	492,750	328,500	164,250
Sub-total for all personal services	18,421	19,483,335	1,103,979	3,132,138	4,212,903	4,575,348	4,332,258	2,126,709
2. Fellowships								
Local salary of counterpart fellowship holders			*(Included under item 1.a of this Appendix)*					
Student allowances			n.a.					
Sub-total								
3. Land and buildings (for detail, see Table n.a.)								
Project Headquarters and dormitories and nursery		6,022,500	6,022,500	-	-	-	-	-
Field quarters, housing boarding and lodging facilities, access road to the Forest, forest roads, etc.		5,292,500	-	3,650,000	1,095,000	547,500	-	-
Sub-total		11,315,000	6,022,500	3,650,000	1,095,000	547,500	-	-

APPENDIX II *(continued)*

	Total project costs	Estimated cash disbursement					
		1967	1968	1969	1970	1971	1972
4. Equipment and supplies							
Major items and categories (for detail, see Table n.a.)	2,555,000	219,000	730,000	730,000	365,000	365,000	146,000
Installation, maintenance, repair, and operating costs of transport and all other equipment supplied to the project by either the Government or the Special Fund	2,409,000	219,000	365,000	547,500	547,500	547,500	182,500
Sub-total	4,964,000	438,000	1,095,000	1,277,500	912,500	912,500	328,500

APPENDIX II *(continued)*

	Total project costs	Estimated cash disbursement 1967	1968	1969	1970	1971	1972
5. Sub-contracts							
				n.a.			
Sub-total							
6. Miscellaneous							
Office furniture, equipment, stationery and supplies	365,000	146,000	73,000	36,500	36,500	36,500	36,500
Sub-total	365,000	146,000	73,000	36,500	36,500	36,500	36,500

I. PURPOSE AND DESCRIPTION

A. PURPOSE OF THE PROJECT

(1.1) The purpose of the project is to promote more effective use of land for forestry and pasture by means of a demonstration program and training in the eastern Kunar region.

(1.2) In particular the project will:

(a) assist the Government to formulate a national forestry policy on the basis of broad surveys and analysis of the ecological and socio-economic conditions and establish relevant institutions accordingly;

(b) carry out more detailed surveys and appraisal of existing conditions - population, livestock, forest resources, range lands and communications in the eastern Kunar region; for the selection of a suitable demonstration area;

(c) provide practical training particularly in the field for local staff in appropriate land use practices with particular emphasis on reforestation, forest watershed and range management, forest management, forest road construction, logging and forest utilization;

(d) provide basic classroom training as a prerequisite to practical field training with the aim of preparing able forestry staff to carry out similar projects on a larger scale;

(e) prepare an integrated development plan for the Kunar region to carry out large-scale rehabilitation and improvement activities which have already been developed through demonstration and training.

(f)

APPENDIX II *(continued)*

	Total project costs	Estimated cash disbursement 1967	1968	1969	1970	1971	1972
7. Local transport and handling of equipment							
Import and customs clearance Transport, handling, storage and related expenses Insurance after delivery to the project site	1,460,000	182,500	365,000	365,000	292,000	146,000	109,500
Sub-total	1,460,000	182,500	365,000	365,000	292,000	146,000	109,500
8. Records and Information	Pour mémoire						
Sub-total							
9. Housing	Included under Item 3 of this appendix						
Sub-total							
TOTAL COUNTERPART CONTRIBUTION IN KIND	37,587,335	7,892,979	8,315,138	6,986,903	6,363,848	5,427,258	2,601,209
TOTAL COUNTERPART CONTRIBUTION IN KIND EXPRESSED IN US DOLLAR EQUIVALENT	501,165	105,240	110,869	93,159	84,851	72,363	34,683

APPENDIX III

Country: **AFGHANISTAN**
Title of project: **Demonstration and Training in Forest and Range Improvement**

TOTAL GOVERNMENT CONTRIBUTION

	Total	Equivalent in US dollars 1967	1968	1969	1970	1971	1972
Counterpart contribution in cash [1]							
Counterpart contribution in kind [2]	501,165	105,240	110,869	93,159	84,851	72,363	34,683
Contribution towards local operating costs [3]	92,000	27,200	-	19,700	25,000	20,100	-
TOTAL GOVERNMENT CONTRIBUTION	593,165	132,440	110,869	112,859	109,851	92,463	34,683

[1] The dollar equivalent of any amounts covered by the counterpart contribution in cash will automatically be adjusted in case of any change in the United Nations operating rate of exchange of the ....Afghanis.................. *(currency unit)*

[2] These amounts have been calculated at the prevailing United Nations operating rate of exchange of one US dollar = 75 Afghanis........................ *(currency)*

[3] These amounts are payable in local currency at the United Nations operating rate of exchange (which is based on the most favourable legal rate of exchange available to the Special Fund), which at the present time is one US dollar = ...75 Afghanis........ *(currency)*

APPENDIX IV

Country: **AFGHANISTAN**

Title of Project: **Demonstration and Training in Forest and Range Improvement**

SCHEDULE OF OPERATIONS

I. BRIEF DESCRIPTION OF WORK PROGRAMME, INCLUDING PLANNED TIMING OF MAJOR OPERATIONS

(1) Upon receipt of authorization to commence execution of the project, the Executing Agency shall undertake recruitment and, after consultation with the Government, appoint the Project Manager and the other international experts required for the project. The Executing Agency shall also make arrangements for the execution of the other activities on the project as provided in the Plan of Operation, including, where applicable, entering into negotiations for the selection of sub-contractors. Upon the arrival of the Project Manager at his duty station the Government will appoint a Project Co-Manager, acceptable to the Executing Agency.

(2) The Project Manager, together with the Project Co-Manager, and after consultation with the Government, shall prepare a general Plan of Work, the main aspects of which are listed in this Schedule of Operations, for carrying out the project operations. This Plan of Work shall be submitted, within three months after the Project Manager's arrival, to the Executing Agency for approval. It shall include such items as an overall schedule for the operations, detailed lists of equipment, supplies and materials to be purchased, staffing plans, and arrangements for transport, and other services. Provisions shall be made in order to take account of suggestions of the respective experts when they arrive in the country.

(3) The Project Manager, together with the Project Co-Manager, shall also prepare a Forward Plan of Work for the first .....six................ months of the project operations, outlining all details of the activities to be carried out during this period. Thereafter a Forward Plan of Work for each ..... twelve.......... month period during the term of the project shall be prepared and submitted for approval

APPENDIX IV *(continued)*

I. *(continued)*

to the Executing Agency and shall serve as a control on the project activities during the period to which it applies.

(4) Minor adjustments in the schedules for manning the project and provision of other facilities may be made when agreed upon by the Project Manager and the Project Co-Manager after consultation with the Government and approved by the Headquarters of the Executing Agency, if this is found to be in the best interest of the project.

(5) The Government will assign to the project the counterpart personnel in accordance with the manning table of the Schedule of Operations, and deliver the physical facilities to be furnished by the Government as outlined in this Schedule.

(6) Orders for equipment and supplies, which the Government will provide as contribution in kind, shall be placed in due course to ensure availability of these items at the appropriate time.

(7) During the first year of the project operations the following activities will be undertaken

i. Collection of data, maps, charts and review of existing documents;

ii. Study and review the physical, economic and social conditions in connection with project operation in the field of Forestry and Range Management;

iii. Investigation of the existing institutions and reviewing the legislation;

iv. Preparation of a forest policy and related institutional measures;

v. Selection of the 15 trainees for the first phase of the project which covers Watershed and Range Management, sylvioulture and reforestation; classroom training will be given to them;

vi. Selection of the demonstration area in Kunar province and preparation of the large-scale aerial photography; detailed surveys and studies with social and economic evaluation on vegetation, soil, water and land use within the demonstration area will be undertaken, services of rural sociologist, land capability, farm management and forest transport consultants will be utilized.

vii. Improvement of access to the demonstration site; commencement of constructing the field quarters, premises and facilities;

viii. Candidates for academic training will be selected within the limit of Fellowships provision, training will be extended to all levels, including, if necessary, foremen and qualified labourers.

APPENDIX IV *(continued)*

I. *(continued)*

(8) During the second year of the project operation the following activities will be undertaken:

i. classrooms and practical training will be continued and field activities enlarged;

ii. refinement of the forest policy and related institutions will be continued

iii. field quarters will be completed, improvement of access roads will be continued; demonstration and working areas will be set for action and practical training;

iv. territorial integrity of the project area will be assured, protection measures will be strengthened;

v. setting up the meteorological and stream gauging stations and establishment of seed testing and soil laboratories;

vi. selection of the nursery sites and development of nurseries, planning of seed supplies;

(9) During the third year of the project operation the following activities will be undertaken:

i. training of the first group will be completed and candidates for practical training will be selected; second group of 15 trainees will be selected to be trained in the fields of forest management, logging and utilization and forest road construction;

ii. an effective forest policy and relevant administrative reorganization to carry out proper management of the forest land sector will be formulated as a precondition of implementing the second phase of the project which will cover forest management, logging and forest utilization and forest road construction;

iii. trained fellows returning from abroad as well as those in the country will assume their responsibilities in already established new posts of the reorganized Forestry and Range Improvement Department.

(10) During the fourth year of the project operation the following activities will be undertaken:

i. classroom and practical training will be continued; implementation of the suggested land use practices on a larger scale will be carried out by trained local staff; candidates for academic training in the fields of forest management and utilization will be selected;

APPENDIX IV (continued)

I. (continued)

ii. management of the upper forest land with proper real network and other infrastructure will be the aim and subject of the training program and demonstration activities; services of a photo interpretation consultant will be utilized;

iii. proper utilization and logging operations will be carried out according to the established work plan;

(11) During the fifth year of the project operation the following activities will be undertaken:

i. candidates for practical training will be selected from the second group;

ii. while training and demonstration, actual works will be carried on, an integrated development plan (as a final report with other details) for the whole region will be prepared on the basis of the appraisals, evaluation, experiences gained and measures implemented in the demonstration area through the training programs, consultant services of a resources evaluation and planning economist will be utilized.

APPENDIX IV *(continued)*

II. MANNING TABLE FOR PROFESSIONAL STAFF AND TIMING OF FELLOWSHIPS

	Months of service	1967	1968	1969	1970	1971	1972
Internationally recruited experts							
Forest Policy and Administration (Project Manager	60	6	12	12	12	12	6
Forest Watershed Management	30	-	12	12	6	-	-
Range Management	30	-	12	12	6	-	-
Silviculture and Reforestation	30	-	12	12	6	-	-
Forest Management	30	-	-	3	12	12	3
Forest Road Engineering	30	-	-	3	12	12	3
Logging and Forest Utilization	24	-	-	6	12	6	-
Administrative Officer	30	6	12	12	-	-	-
Consultants:							
Farm management Forest transport Photo interpretation Rural sociologist Resource evaluation and planning economist, etc.	48	-	21	-	18	9	-
Total	312	12	81	72	84	51	12

APPENDIX IV *(continued)*

II. *(continued)*

	Months of service	1967	1968	1969	1970	1971	1972
Counterpart staff							
Director General of Forest and Range Manag.(Co-Manager)	60	6	12	12	12	12	6
Forestry Officer (Counterpart to Watershed Manag.expert)	36	3	–	3	12	12	6
Forestry or Agr. Officer (Counterpart to Range Management expert)	54	–	12	12	12	12	6
Forestry Officer (Counterpart to sylviculture and reforestation expert)	36	3	–	3	12	12	6
Forestry Officer (Counterpart to Forest Management expert)	36	3	–	3	12	12	6
Forestry Officer or Engineer (Counterpart to Forest Road Engineering expert)	33	–	–	3	12	12	6
Forestry Officer (Counterpart to Logging and Utilization expert)	36	3	–	3	12	12	6
Administrative Officer (Counterpart to Administrative Officer)	60	6	12	12	12	12	6
Total	351	24	36	51	96	96	48

APPENDIX IV *(continued)*

II. *(continued)*

	Months of service	1967	1968	1969	1970	1971	1972
Fellowships							
Watershed and Range Management (academic training)	24	3	12	9	-	-	-
Watershed and Range Management (practical training)	12	-	-	6	6	-	-
Silvioulture and Reforestation (academic training)	24	3	12	9	-	-	-
Silvioulture and Reforestation (practical training)	12	-	-	6	6	-	-
Forest Management and Protection (academic training)	24	3	12	9	-	-	-
Forest Management and Protection (practical training)	12	-	-	-	6	6	-
Forest Utilization (academic training)	24	3	12	9	-	-	-
Forest Utilization (practical training)	12	-	-	-	6	6	-
Total	144	12	48	48	24	12	-

III. OTHER SERVICES AND FACILITIES

	Months of service	1967	1968	1969	1970	1971	1972
1. Non-professional personnel							
Posts or categories							
6 Surveyors	216	-	36	72	72	36	-
1 Draftsman	48	-	6	12	12	12	6
1 Clerk	60	6	12	12	12	12	6
Drivers	270	12	48	60	60	60	30
30 Foremen	1,380	60	180	240	360	360	180
30 Forest Guards	1,800	180	360	360	360	360	180
Labourers	13,300	800	2,000	3,000	3,000	3,000	1,500
Total	17,074	1,058	2,642	3,756	3,876	3,840	1,902
2.							
30 Trainees	900	-	180	180	270	180	90
Total	900	-	180	180	270	180	90

B. DESCRIPTION OF THE PROJECT

(1.3) The project which has a duration of five years will be implemented in parts of Kunar province where ecologic conditions are favourable particularly for forest developments, but need immediate rehabilitation; in the lower areas most of the forests, even on the steep slopes have been destroyed by unwise cutting, grazing and tillage for temporary farming; the remaining coppice and shrubs are of little value; ranges are severely degraded. The upper parts of the valleys are covered with cedar forests which have been over-exploited, progressively cleared without protective understory; the soil is laid bare by heavy grazing, eliminating or preventing natural regeneration especially in the many over mature stands. Primitive harvesting and skidding techniques involve great waste of timber. This critical situation is becoming worse day by day. The rehabilitation of the Forest and Range land is, however, still technically feasible through proper forest and watershed management.

(1.4) The project has two clearly interrelated aspects: the first is concerned with forest, range and human resources evaluation and recognition of objectives on the basis of which a forest policy will be established, while the second involves training of local staff at all levels with the aim of creating the nucleus of the Forestry and Range Improvement Department to carry out sound forest land use practices.

(1.5) The project will be undertaken in two phases. The first phase, of two-and-a-half years, will be spent in compiling all existing data, and carrying out more detailed surveys and appraisal of existing conditions - population, livestock, forest resources, rangelands and communications - in the eastern Kunar region, and in the selection of a suitable demonstration area therein. This phase will involve the undertaking of large scale aerial photography of about 5,000 square kilometres to supplement existing maps, and to assist in the selection of the demonstration area as well as in planning appropriate land use for the region as a whole.

(1.6) In the demonstration area both for training and demonstration, programmes of reforestation, watershed and range management, and later forest road construction, forest management, logging and forest utilization, will be initiated while steps will be taken to improve the upland pastures so as to decrease grazing within the forests and thereby allow natural regeneration.

APPENDIX IV *(continued)*

III. *(continued)*

	To be made available	
	Month	*Year*
2. Land and Buildings		
<u>Paghman</u>		
Training headquarters and dormitories for trainees	July	1967
Land for nurseries and experiments and demonstration	September	1967
<u>Kamdesh</u>		
Dommitory for trainees Boarding facilities Houses for experts	May	1968
Land for demonstration	April	1968
Access road to site for training facilities	April	1968

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APPENDIX IV *(continued)*

III. *(continued)*

3. Equipment

A. To be provided by the Special Fund
Major items and categories (for detail, see Table n.a.)

		To be made available Month	Year
Laboratory and survey equipment		July	1967
Office and camping equipment		August	1967
Logging and Road construction equipment		May	1968 and as required
Machinery and tools			as required
Vehicles and spare parts:			
1 Station wagon		July	1967
2 Four wheel drive pick-up		September	1967, 1968
3 " " " jeep		January	1968
1 30 pass. minibus		September	1967

B. To be provided by the Government
Major items and categories (for detail, see Table n.a.)

		Month	Year
Office equipment	on or before	July	1967
Field equipment	part before	May	1968
	remaining		as required
Tools and machinery			as required

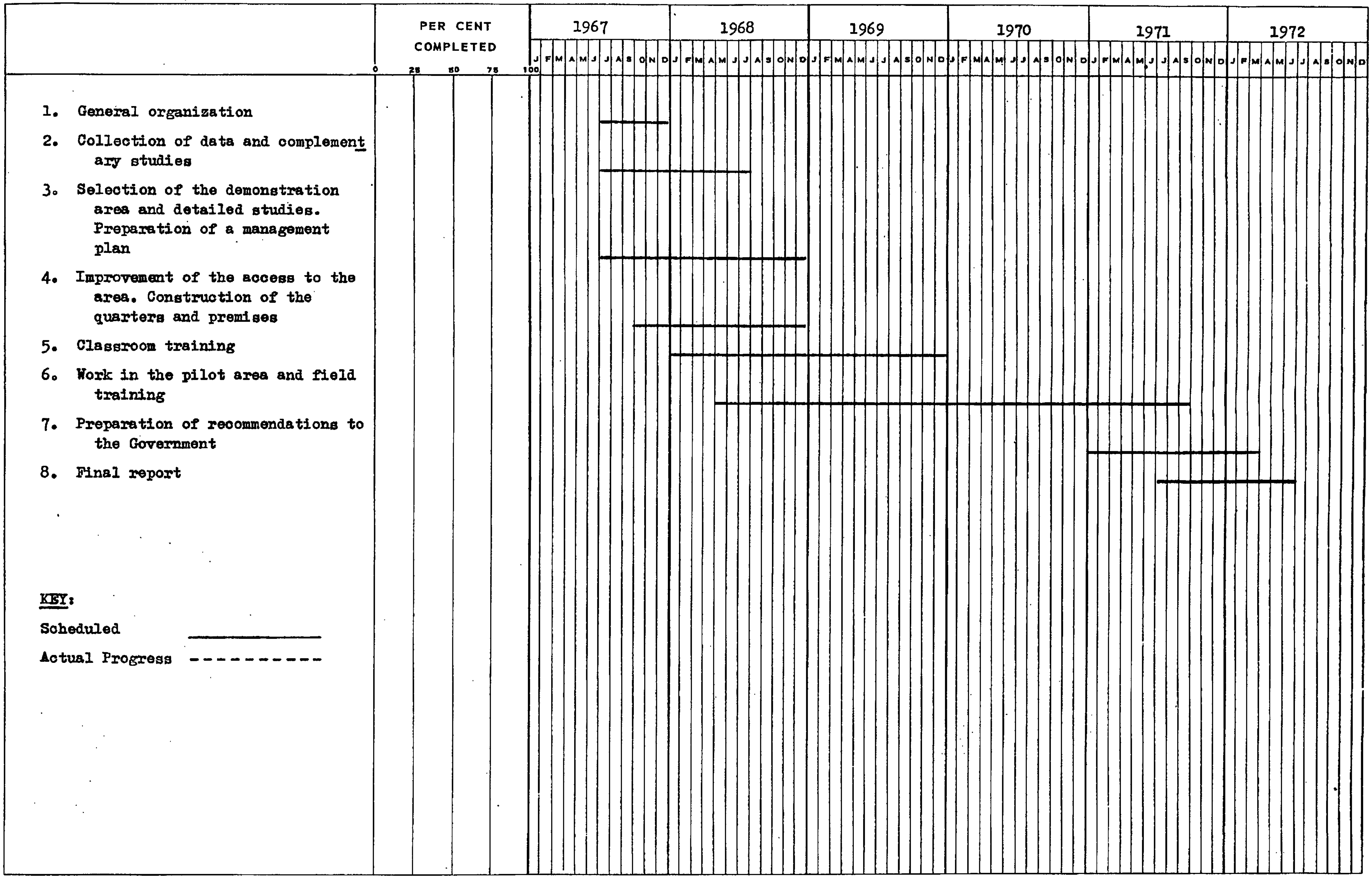
APPENDIX IV *(continued)*

III. *(continued)*

	To be made available	
	Month	*Year*
4. Other services and facilities		
Maintenance and repairs	as required	

APPENDIX IV (continued)

IV. Work Schedule



(1.7) During the course of this first phase, a certain amount of classroom training followed by practical training will be given to a group of students who will form the nucleus of forest and range service. Classroom sessions will be held at the newly constructed quarters and demonstration forest nursery at Paghman, nineteen kilometres from Kabul, which will also serve as the project headquarters. Practical training will be provided through demonstration and other field works. Field quarters will be in Kamdesch which is centrally located within the demonstration area.

(1.8) Training will be done locally at lower and intermediate levels, i.e. for technicians and rangers, foremen and even qualified labourers. As concerns the intermediate level, owing to the limited number of agricultural secondary school graduates, the number of counterpart trainees may be supplemented by tenth grade graduates. Co-ordination will be maintained for that purpose with the University of Kabul, Faculty of Agriculture. At the upper professional level, some training will be provided abroad under fellowships.

(1.9) In the second phase of the project, the activities initiated during the first half will be continued and supplemented by demonstration and extension work on forest management, logging and forest utilization. Recommendations will be prepared for appropriate administrative and legislative measures required to strengthen the Governmental services to enable them effectively to implement a programme of forest and range improvement.

(1.10) Close co-ordination with other operational UNDP (Special Fund) projects as well as with those coming into being during the course of the project, will be maintained. Co-ordination will also be extended, as deemed appropriate, to Agencies of the United Nations whose specialized fields are relevant to the project activities. This project will also cooperate as closely as possible with bi-lateral assistance projects in related fields such as:

- the Development project in the Paktia province being undertaken by the Federal Republic of Germany;
- the French sponsored project for improving practices in sawmilling and carpentry in the Kunar Province (Assadabad);
- the US/AID experts in forestry and forest industries.

Details of such co-ordination will be worked out in the general Plan of Work.

II. PRIOR OBLIGATIONS

Compliance with these obligations at the appropriate time is a prerequisite to the implementation or the continuation, whichever is applicable, of project operations.

(2.1) As a prior condition to the commencement of the execution of the project, the Government shall;

(i) adopt institutional and legislative measures, even as provisional decrees if a final legislation proves to be premature, in order to implement the proposed practices and accomplish the task of the project;

(ii) assure the territorial integrity of this project by taking all measures necessary to guarantee that users of forest, range, land and water resources within the demonstration area will abide by management practices which will be put into effect by project personnel and Government agencies concerned;

(iii) select in consultation with the Project Manager, 15 agricultural high school students or students who have completed the tenth grade in secondary school, for the first two-and-a-half year period of the project duration. Further selection of a second phase of the project according to the sequence of operation indicated in Appendix IV.

(iv) take the necessary administrative action at Kamdesch as well as at Paghman for the establishment of conditions of service which will ensure the full-time services of counterpart staff on all levels.

(2.2) As a prior condition to the continuation of the project operations, the Government shall:

(i) establish within three months from the date of signature of the Plan of Operation the costs and conditions of service for the trainees who will be employed by the Forestry and Range Improvement Department within its re-organised and strengthened status;

(ii) commence the construction of a dormitory for trainees, houses for experts, boarding facilities and access road to site for training activities around Kamdesch within one month from the date of signature of the Plan of Operation and complete them in approximately one year but in any case before the field training and demonstration works are started;

(iii) assure collaboration of the various Government agencies responsible for land, water, forest and public works, and range resources as well as extension services and land reform bodies throughout the execution of this project to facilitate this co-ordination;

(iv) appoint a Co-ordinating Committee as specified in paragraph 3.22.

III. WORK PLAN

A. PARTICIPATION AND CONTRIBUTION OF THE SPECIAL FUND

(3.1) The Special Fund shall provide the following through the Executing Agency:

a. Experts

A total of ....312.................... man-months of expert service. Within the total of ....312.......................... man-months of expert service minor adjustments of individual post assignments may be made by the Executing Agency, in consultation with the Government, if this is found to be in the best interest of the project.

b. Fellowships

Fellowships at an estimated cost of $ ...56,000..................... Fellowships awarded under this Plan of Operation shall be administered in accordance with the fellowship regulations of the Executing Agency. Within the total allocation of $ ..56,000.........., minor adjustments of individual fellowships may be made if this is found to be in the best interest of the project.

c. Equipment and Supplies

Equipment and supplies at a cost not exceeding $ ..270,000......................

d. Sub-contracts

Sub-contracts at a cost not exceeding $ ....40,000....................

e. Miscellaneous local operating costs

Miscellaneous services and facilities, falling under local operating costs, at an estimated cost of $ ..37,400..........................

(3.2) The services and facilities summarized in paragraph (3.1) above are detailed in Appendix I and Table ..n.a.....

(3.3) The Executing Agency may, after consultation with the Government, provide part or all of the expert services specified in paragraph (3.1 a.) above, by sub-contract.

B. PARTICIPATION AND CONTRIBUTION OF THE GOVERNMENT

i. Counterpart Contribution

(3.4) The Government shall provide the following as a counterpart contribution in kind.

a. Personal services

Professional staff. A total of ..447...................... man-months of professional staff service. Within the total of ......447......................... man-months of professional staff service minor adjustments of individual post assignments may be made by the Government, in consultation with the Executing Agency, if this is found to be in the be interest of the project.

Non-professional staff. An estimated total of ...17,074.................. man-months of non-professional staff service.

Trainees. A total of 900 man-months of services by trainees.

b. Fellowships

Local salary for professional staff awarded Special Fund fellowships while in fellowship status.

Student allowances at an estimated cost of $ ....n.a...........................

c. Land and Buildings

Land and buildings at an estimated cost of $ ...150,867..........................

d. Equipment and Supplies

Equipment and supplies including installation, maintenance, repair, and operating costs of transport and all other equipment supplied to the project by either the Government or the Special Fund, at an estimated cost of $ ..66,187........................

e. Sub-contracts

Sub-contracts at an estimated cost of $ ...n.a..............................

f. Miscellaneous

Miscellaneous services and facilities, including office furniture, equipment, stationery and supplies at an estimated cost of $ ...4,867..........................

g. Cost of transporting and handling of equipment

The cost of import and customs clearance of project equipment; its transportation, handling, storage and related expenses within the country; its safe custody, insurance, and replacement if necessary, after delivery to the project site.

h. Records and information

The Government shall make available to the project all existing published and unpublished records and information necessary for its implementation. This will include reports, maps, records and other data which, in the opinion of the Executing Agency, would facilitate the operation of the project.

i. Housing

The Government undertakes to assist project personnel in finding suitable housing accommodation at reasonable rents, whenever such assistance is required. In particular, the Government will provide suitable quarters for internationally recruited experts stationed in the Kamdesch area at reasonable rents.

(3.5) The services and facilities summarized in paragraph (3.4) above are detailed in Appendix ....II...... and Table .n.a.......

(3.6) The estimated cost of the counterpart contribution as detailed in Appendix ....II......... below is based on the most realistic information available at the time of drafting this Plan of Operation. It is understood that price fluctuations during the period of execution of the project may necessitate an adjustment of said contribution in monetary terms; the latter shall at all times be determined by the value of the services and facilities required for the proper execution of the project.

AFG 15

UNITED NATIONS DEVELOPMENT PROGRAMME

(SPECIAL FUND)

PLAN OF OPERATION

Country: AFGHANISTAN

Title of Project: Demonstration and Training in Forest and Range Improvement

WS/58367

Table of Contents

APPENDICES

Note

This Plan of Operation is in part based on printed forms which are standard for all Special Fund-assisted projects. Whenever an item included in the forms is inapplicable an entry of "n.a." (not applicable) has been made.

Footnote – Where "Executing Agency" occurs in the Plan of Operation, please read "Participating and Executing Agency".